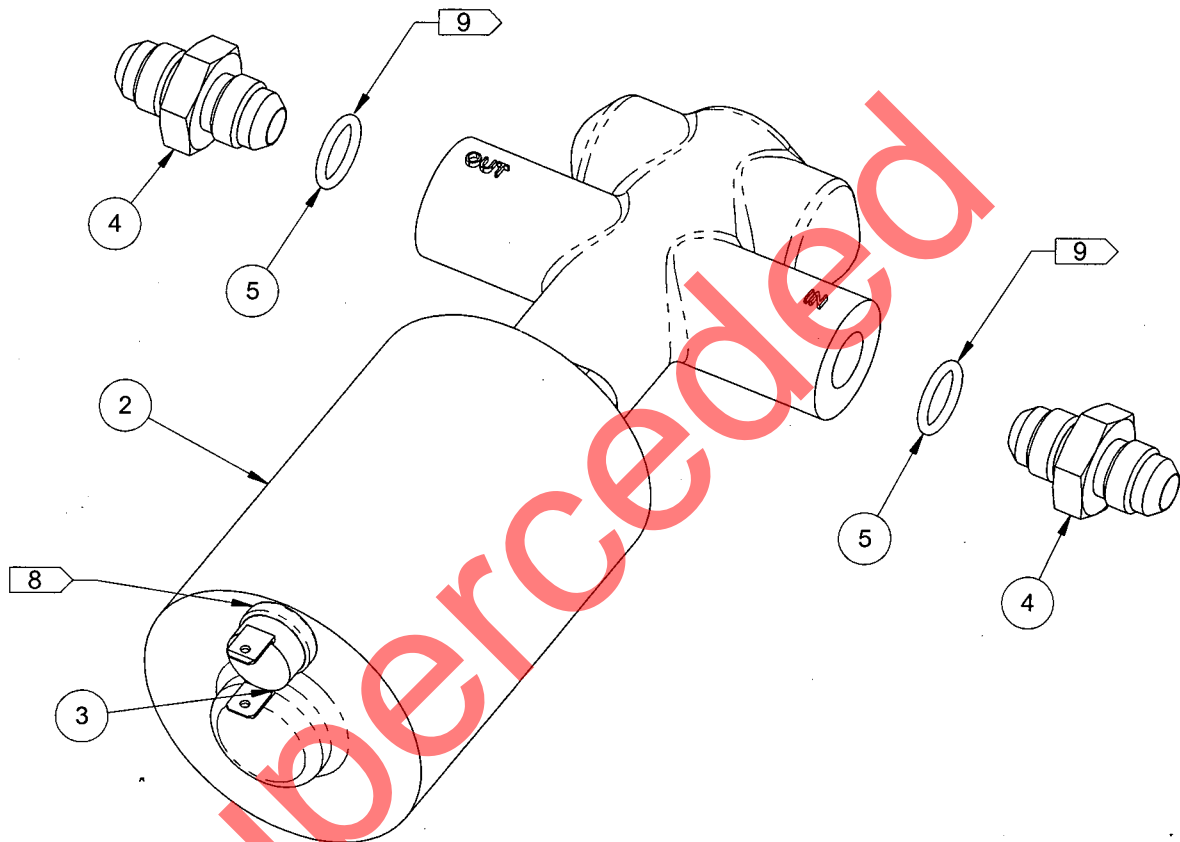


ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	2	AN818-6D	FITTING, UNION	
5	2	MS29512-06	O RING	



D4022-041 FUEL TRANSFER PUMP ASSEMBLY

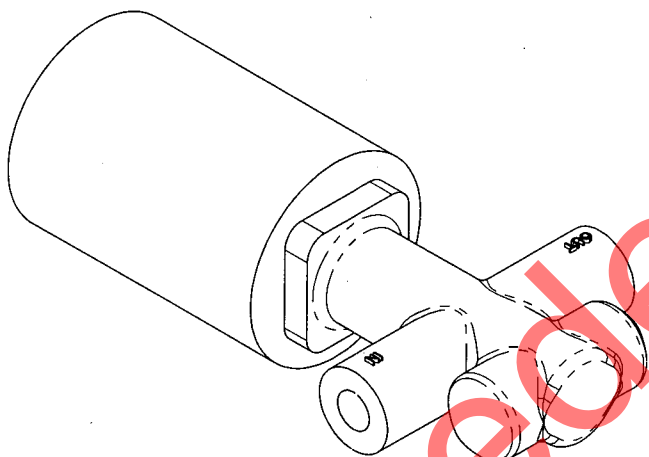
RELEASED
2011-11-16
JMD

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4022-041" AND B/N USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 2.61 lbs
 - 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
 - 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT

B	CORRECTED SPELLING OF "AEROSPARES"	DC	11.09.28
A	NEW ISSUE	HS	10.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	DC	DRAWING NO.	REV. B
MFG. APPR.		D4022	SHEET 1 OF 4
APPROVED	1/10	TITLE	SCALE
DE APPR.	1/10	FUEL PUMP	NTS
DATE	11.09.28	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-1	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

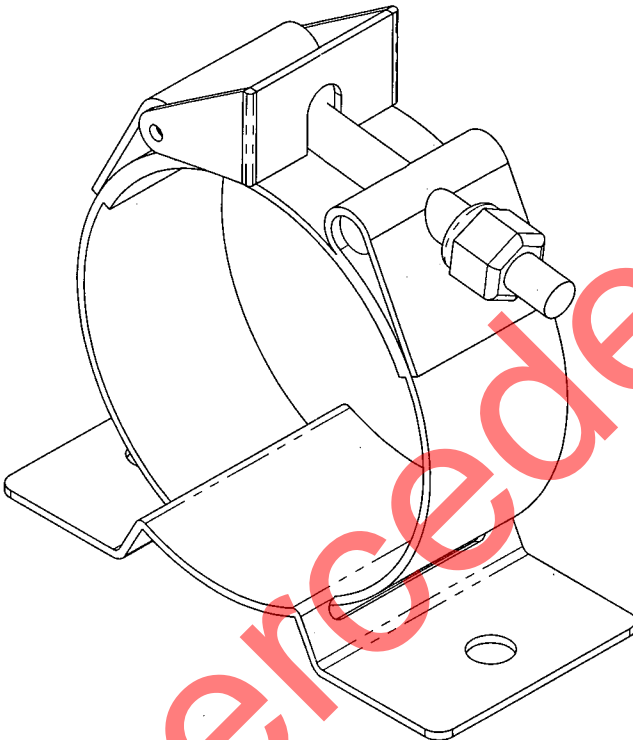
B

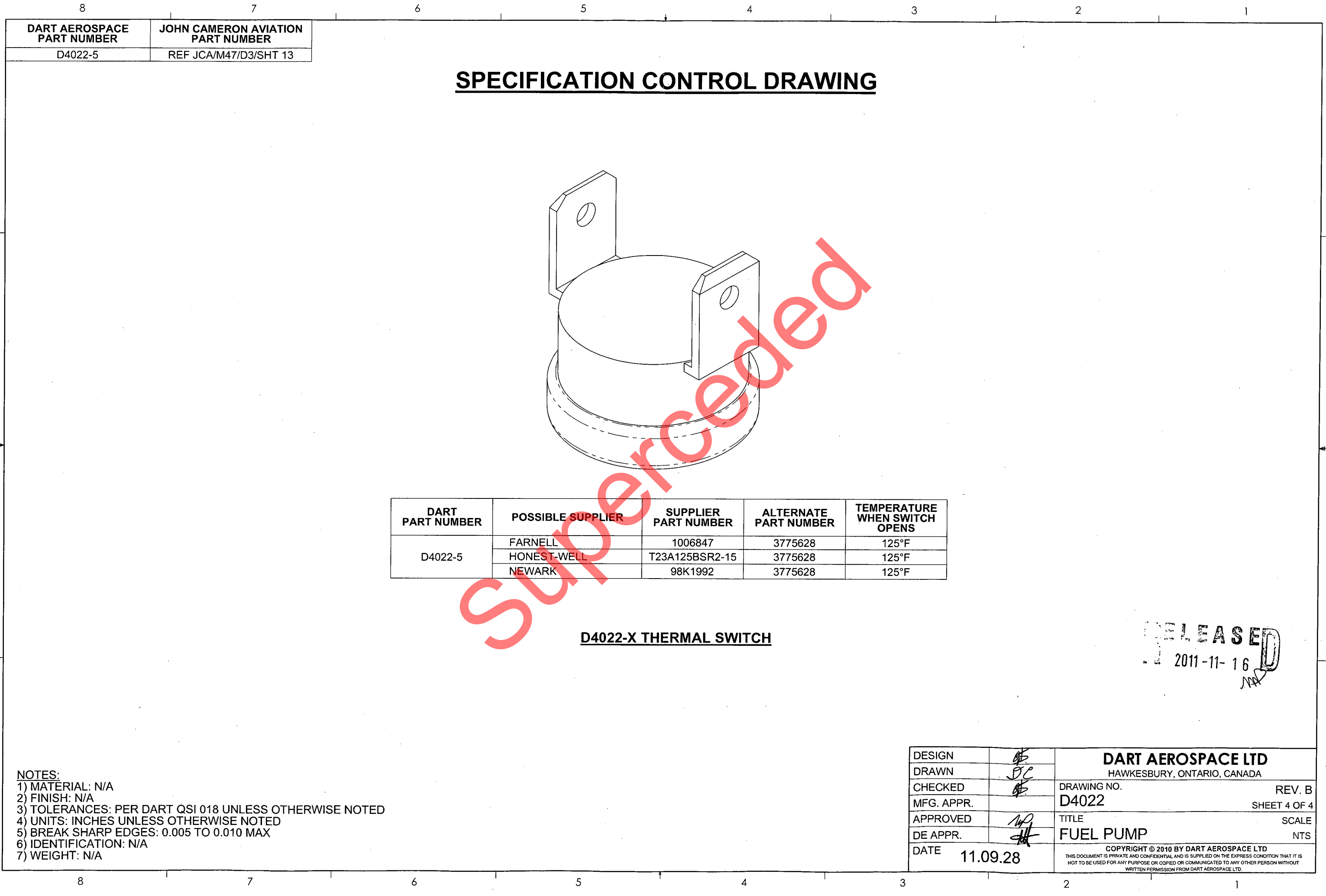
D4022-X FUEL TRANSFER PUMP

RELEASED
2011-11-16

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 2.6 lbs

DESIGN	<i>JS</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>BC</i>		
CHECKED	<i>JS</i>	DRAWING NO. D4022	REV. B
MFG. APPR.			SHEET 2 OF 4
APPROVED	<i>MP</i>	TITLE	SCALE
DE APPR.	<i>HA</i>	FUEL PUMP	NTS
DATE	11.09.28	COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

8		7		6		5		4		3		2		1																																															
DART AEROSPACE PART NUMBER				JOHN CAMERON AVIATION PART NUMBER																																																									
D4022-3				REF JCA/M47/D3/SHT 13																																																									
<div>SPECIFICATION CONTROL DRAWING</div> <div></div> <table><thead><tr><th>DART PART NUMBER</th><th>POSSIBLE SUPPLIER</th><th>SUPPLIER PART NUMBER</th><th>MATERIAL</th><th>FITS MOTOR SIZE (ϕ)</th></tr></thead><tbody><tr><td rowspan="3">D4022-3</td><td>WELDON</td><td>TC 250-100</td><td>STAINLESS STEEL</td><td>2.5</td></tr><tr><td>AIRCRAFT SPRUCE AND SPECIALTY</td><td>05-00021</td><td>STAINLESS STEEL</td><td>2.5</td></tr><tr><td>AEROSPACE ACCESSORIES</td><td>TC 250-100</td><td>STAINLESS STEEL</td><td>2.5</td></tr></tbody></table> <div>D4022-X FUEL PUMP MOUNTING BRACKET</div> <div>RELEASED 2011-11-16</div> <div><div>NOTES: 1) MATERIAL: N/A 2) FINISH: N/A 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: 0.33 lbs</div><table><tr><td>DESIGN</td><td></td><td colspan="2">DART AEROSPACE LTD</td></tr><tr><td>DRAWN</td><td></td><td colspan="2">HAWKESBURY, ONTARIO, CANADA</td></tr><tr><td>CHECKED</td><td></td><td>DRAWING NO.</td><td>REV. B</td></tr><tr><td>MFG. APPR.</td><td></td><td>D4022</td><td>SHEET 3 OF 4</td></tr><tr><td>APPROVED</td><td></td><td>TITLE</td><td>SCALE</td></tr><tr><td>DE APPR.</td><td></td><td>FUEL PUMP</td><td>NTS</td></tr><tr><td>DATE</td><td>11.09.28</td><td colspan="2">COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small></td></tr></table></div>																DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (ϕ)	D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5	AEROSPACE ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5	DESIGN		DART AEROSPACE LTD		DRAWN		HAWKESBURY, ONTARIO, CANADA		CHECKED		DRAWING NO.	REV. B	MFG. APPR.		D4022	SHEET 3 OF 4	APPROVED		TITLE	SCALE	DE APPR.		FUEL PUMP	NTS	DATE	11.09.28	COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
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8		7		6		5		4		3		2		1																																															



SPECIFICATION CONTROL DRAWING

DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

RELEASED
2011-11-16

- NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: N/A

DESIGN	JS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DL		
CHECKED	JS	DRAWING NO. D4022	REV. B
MFG. APPR.			SHEET 4 OF 4
APPROVED	MP	TITLE FUEL PUMP	SCALE NTS
DE APPR.	JS	COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DATE	11.09.28		